انْفَعُهُمْ لِلنَّاسِ

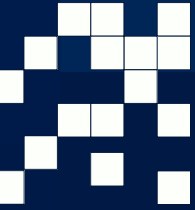## ASSIGNMENT_4

Q1-. Write a program in C to show the basic declaration of a pointer.

Expected Output :

Pointer : Show the basic declaration of pointer :

Here is m=10, n and o are two integer variable and *z is an integer
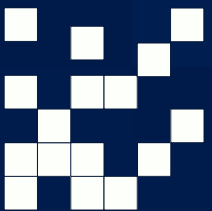
z stores the address of m = 0x7ffd40630d44

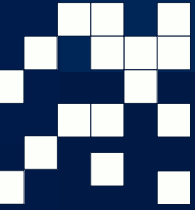*z stores the value of m = 10

&m is the address of m = 0x7ffd40630d44

&n stores the address of n = 0x7ffd40630d48

&o stores the address of o = 0x7ffd40630d4c

&z stores the address of z = 0x7ffd40630d50

Q2- Write a program in C to find the maximum number between two numbers using a pointer.
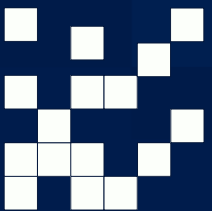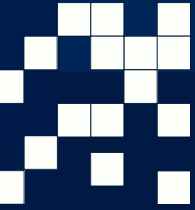
Test Data :

Input the first number : 5

Input the second number : 6

Expected Output :

6 is the maximum number.

Q4-Write a program in C to count the number of vowels and consonants in a string using a pointer.
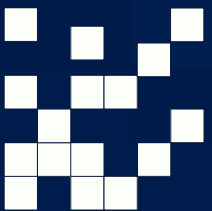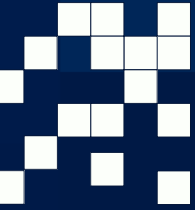
Test Data :

Input a string: string

Expected Output :

Number of vowels : 1

Number of constant : 5

Q4-Write a program in C to show a pointer to an array whose contents are pointers to structures.

- Expected Output :

Exmployee Name : Alex

Employee ID : 1002